



Michigan's Impending Health Provider Shortage



Anne Rosewarne, President
Michigan Health Council

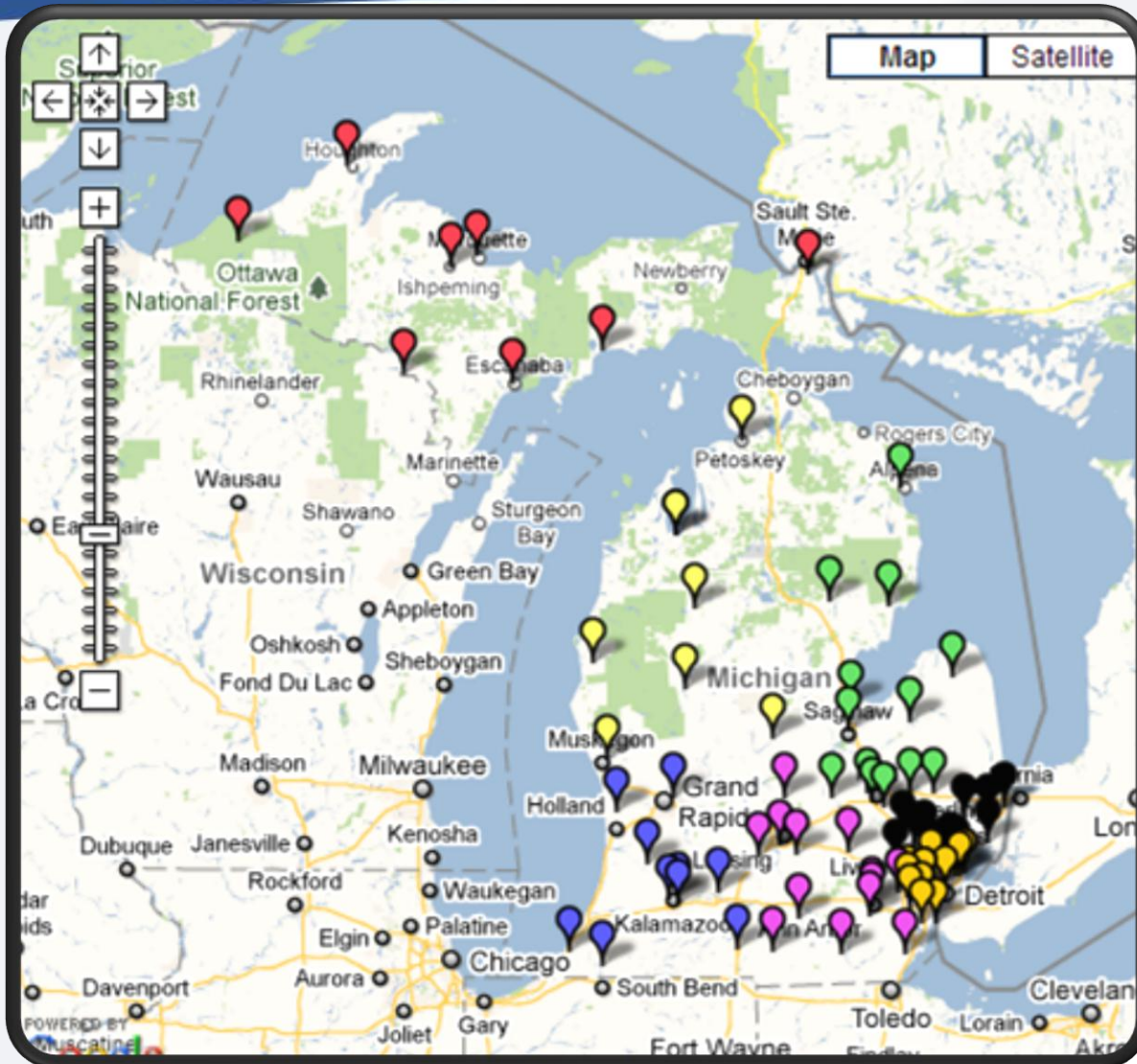
Michigan Health Council Health Workforce Initiatives

- Since 1943
- MOM Program (17 years) – Matching System
 - Physicians
 - Nurse Practitioners
 - Physician Assistants
- 300,000 matches!
 - Average 19,000 matches per year
 - 6,500 residents/fellows
 - 2800 average on system
- Saved employers \$40 Million



HOSA at MHC

Pipeline – 4,600+ High School Students



HOSA



MHC - Health Workforce



- Education – Colleges
 - Michigan Council of University Health Deans
- Michigan Job Placement
- Graduate Medical Education
- Michigan Association of Medical Educators (Residents Survey)
- J1 Visa Waiver
- CAPE (Capital Area Physician Experience) - model to retain Physicians

Michigan Department of Community Health



- Automated system to match students (MD, DO, NP and PA) to clinical sites in rural and underserved areas of Michigan
 - MSEARCH and ACE Programs



Existing Resources



- The State of Michigan has in place experience and dynamic systems to address health workforce issues
 - MDCH: Melanie Brim
 - LARA: Rae Ramsdell
 - MDCH: Jeanette Klemczak
 - MHC: Michigan Center for Nursing's Carole Stacy
 - MHC: Michigan Center for Health Professions
 - MHC: HOSA (4,600 high school students)

Graduate Medical Education System



- National System
- Michigan in top 8 states educating/retaining doctors (6,500 residents/fellows)
 - Retain 44.6% of Medical Students
 - Retain 45.5% Residents
 - Retain 66% both Medical Schools & Residency in the State
- Michigan is #4 in students enrolled in a public MD/DO school

Physicians Strengthen Michigan's Economy



| | |
|---|----------------|
| Revenue Generated by Office-Based Physicians in Michigan | \$31.2 Billion |
| Total Wages & Benefits supported by Office-Based Physicians | \$20.1 Billion |
| Total State, Local Tax Revenue Generated by Office-Based Physicians | \$1.43 Billion |

Shortage

Projected Shortage of Physicians in Michigan by the year 2020

4,400*- 6,000**

* Physician Supply and Demand in Michigan Through 2020 Executive Summary - February 2006 - Prepared for the Michigan Blue Ribbon Committee on Physician Workforce. Prepared by: Center for Health Workforce Studies University at Albany, State University of New York.

** The Future Supply and Demand for Physicians in Michigan - Prepared for Michigan State Medical Society Prepared by: Public Policy Associates, Incorporated. Both studies indicate that Michigan likely will be 4,000-6,000 physicians short of what will be needed in Michigan by 2020.



Shortage

AAMC suggested
QUADRUPLING for 2020 with
Accountable Care Act

17,600-24,000



Michigan's Physician Workforce



Half of all Michigan
Physicians are 55 or older

19% are over 65

Massachusetts as a Model



- Half of all primary care practices are closed
- Physicians are working long hours and unhappy
- Waits for appointments are much longer. Existing patients dissatisfied and contacting legislators

Nurse Practitioner/ Physician Assistant Profile



35% of Physician Assistants
Practice in Primary Care

39% of Nurse Practitioners
Practice in Primary Care

- Family Practice 19%
- Internal Medicine 10.4%
- Pediatrics 9.5%
- Women's Health 8.7%

A Profile of Michigan's Nurse Practitioner & Physician Assistant Workforce **2011 UPDATED**



A report by the
Michigan Health Council
www.mhc.org



Michigan
Center
for Nursing



Nurse Practitioner/ Physician Assistant Profile

Physician Assistants 2,954 in Michigan
Nurse Practitioners 3,778 in Michigan

A Profile of Michigan's
**Nurse Practitioner &
Physician Assistant
Workforce 2011 UPDATED**



A report by the
Michigan Health Council
www.mhc.org



| Workplace | | |
|--------------------|----------------------------------|-----------------------------------|
| | Nurse Practitioners Workplace | Physician Assistants Workplace |
| Physician Office | 34% | 52% |
| Hospital Inpatient | 31% | 41% |
| Outpatient | 22% | 26% |

Solutions

- Create faculty incentives
- Advance BSN's to MSN and DNP
- Clinical rotation sites database
- Utilize more simulation
- Prepare more NPs and PAs and Speed-up process
- Loan forgiveness
- Incentivize primary care

